

HAZARDOUS CONDITIONS REQUIRING NOTIFICATION TO THE SSO

Definitions

The following definitions are to be utilized to determine the required type, timing and party (SSO and or FTA) for notification of accidents and incidents.

"Collision" means any unintentional contact between a rail transit vehicle and another rail transit vehicle; rail transit non-revenue vehicle; object; motor vehicle or an individual on the rail right of way.

"Derailment" means (1) the normal relationship between the head of rail and the tread of the wheel has been lost; (2) at switches, when one set of wheels or a truck travels a non-normal route, even if the wheel rail relationship is not lost (e.g., Split switch, Switch run-through, wheel lift, wheel climb, flange running, web running)

"Runaway Train" means the movement of a rail transit vehicle on the mainline, yard or shop that is uncontrolled or unmanned (e.g., no operator, operator incapacitated, asleep, or movement due to failure of a rail transit vehicle electrical, mechanical or software system or subsystem).

"Substantial damage" means damage which adversely affects the structural strength, performance, or operating characteristics of facilities, equipment, rolling stock, or infrastructure.

"Suspension of Service" means to stop rail service per rail control/dispatching instruction, temporarily, either due to failure of rail operating environment, loss of communication, loss of signaling, operating or maintenance personnel unavailability, or natural disaster.

HAZARD NOTIFICATION / REPORTING THRESHOLDS

Reportable as per 49 CFR 674 and/or VADRPT	2 hour Phone Notification with a follow-up email	24 hour email/ telephonic notification to VADRPT required (within 24 hours of becoming aware of incident)	Incident Fact Report (must be submitted within 48 hours following the occurrence)	Full Report including Corrective Actions Plans (must be submitted no later than 30 days following the incident unless written request for extension is approved by VADRPT)	Recorded on the Accident-Incident-Hazardous Condition Log and reported to SSO on a monthly basis
Fatality – A death or suicide confirmed within 30 days of a reportable event. Excludes deaths in or on transit property that are a result of illness or other natural causes.	Yes (2 hour email notification to FTA)	No	Yes	Yes	Yes
Serious Injury One or more persons (On-Board or Station) a. Requires hospitalization for more than 48 hours , commencing within seven days from the date the injury was received; b. Results in a fracture of any bone (except simple fractures of fingers, toes, or nose); c. Causes severe hemorrhages, nerve, muscle, or tendon damage; d. Involves any internal organ; or e. Involves second-or third-degree burns, or any burns affecting more than five percent of the body surface.	Yes (2 hour email notification to FTA)	No	Yes	Yes	Yes

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<u>Collision</u> A collision on the Mainline, yard or shop involving a Rail Transit Vehicle and the following: <ul style="list-style-type: none"> a. Another rail transit vehicle b. Resulting in <u>substantial property damage</u> c. Resulting in fatality or serious injury (see criteria above) d. Another vehicle or equipment¹ e. A collision at a <u>Grade crossing</u>² f. All collisions with a person g. A collision with an object (including Bumping Posts)³ h. An Animal⁴ 	Yes (2 hour email notification to FTA)	No	Yes	Yes	Yes
<u>Property Damage</u> Resulting in <u>substantial damage</u> to facilities, equipment, rolling stock, or infrastructure that has disrupted the operations of the RTA (i.e., removing the rail transit vehicle, facility or infrastructure from operation).	Yes (2 hour email notification to FTA)	No	Yes	Yes	Yes

¹ **Other Vehicle/Equipment:** FTA notification is not required unless the event meets the criteria for substantial property damages, serious injury or fatality.

² **Grade Crossings** including both highway/rail grade crossing and intersections for in-street running systems.

³ **Objects:** FTA notification is not required unless the event meets the criteria for substantial property damages, serious injury or fatality.

⁴ **Animal:** FTA notification is not required unless the event meets the criteria for substantial property damages, serious injury or fatality.

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<p>Evacuation Persons withdrawn or removed from rail transit vehicles or facilities due to life safety reasons and hazardous or potentially hazardous conditions such as:</p> <p>a. <u>Self-Evacuations</u> to a location that may put passengers or patrons in imminent danger (such as the rail-right-of way).</p> <p>b. <u>Security reasons</u> including but not limited to arson; suspicious packages and objects; bomb threats and Chemical/Biological/Nuclear and Radiological releases.</p> <p>c. <u>Life Safety Reason</u>: A situation such as a fire, the presence of smoke, fuel leak, electrical or other hazard, that constitutes an imminent danger to passengers, employees, contractors, or other persons.</p> <p>Note: Reporting is not required for the offloading of passengers at a platform for a mechanical failure, or transfer of passengers</p>	Yes (2 hour email notification to FTA)	No	Yes	Yes	Yes

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to a rescue train unless there was imminent danger to passengers.					
<u>Derailment</u> Derailment, including Split-Switches, of a Rail Transit Vehicle at any location (Mainline/Yard), at any time, whatever the cause.	Yes (2 hour email notification to FTA)	No	Yes	Yes	Yes
<u>Runaway Vehicle</u> Runaway Rail Transit Vehicle or Self Propelled Roadway Maintenance Machine (RMM) on the mainline or yard, including: a. Runaway or Uncontrolled vehicle movement (uncontrolled roll back, operator incapacitated or asleep)	Yes (2 hour email notification to FTA)	No	Yes	Yes	Yes
Suspension of Service	Yes	No	Yes	Yes	Yes
Any safety event for which HRT Tide notifies the National Response Center (NRC) or the National Transportation Safety Board (NTSB).	Yes	No	Yes	Yes	Yes
<u>Work Zone Violations</u> Unauthorized vehicle encroachment, speeding or overrun into a protected work zone.	Yes	No	Yes	Yes	Yes
Red Signal Violation	Yes	No	Yes	Yes	Yes

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Signal System Failure False Proceed /Track Circuit Failed Clear/Total or Partial System failure requiring manual block operations.	Yes	No	Yes	Yes	Yes
Incapacitated operator in revenue service	Yes	No	Yes	Yes	Yes
Grade crossing warning system activation failure	Yes	No	Yes	Yes	Yes
Disruption of Service lasting 15 minutes or more.	No	Yes	Yes	Yes	Yes
Explosion or Fire on Rail Controlled Property	No	Yes	Upon request by VADRPT	Upon request by VADRPT	Yes
Release of Hazardous Materials	No	Yes	Upon request by VADRPT	Upon request by VADRPT	Yes
Unauthorized use of a block	No	Yes	Upon request by VADRPT	Upon request by VADRPT	Yes
Elevator Entrapment (no injury)	No	Yes	Upon request by VADRPT	Upon request by VADRPT	Yes
Broken Rail/Joint Bar/ Rail Kink, etc.	No	Yes	Upon request by VADRPT	Upon request by VADRPT	Yes
Flooding	No	Yes	Upon request by VADRPT	Upon request by VADRPT	Yes
Vehicle Door Events a. Doors open during train movement b. Doors open on wrong side or off platform c. Un-commanded door open d. Emergency Door release activated by patron.	No	Yes	Upon request by VADRPT	Upon request by VADRPT	Yes

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Employee or patron electric shock	No	Yes	Upon request by VADRPT	Upon request by VADRPT	Yes
Fallen or dragging equipment from a rail vehicle	No	Yes	Upon request by VADRPT	Upon request by VADRPT	Yes
Station Over-Runs & Under-Shoots	No	Yes	Upon request by VADRPT	Upon request by VADRPT	Yes